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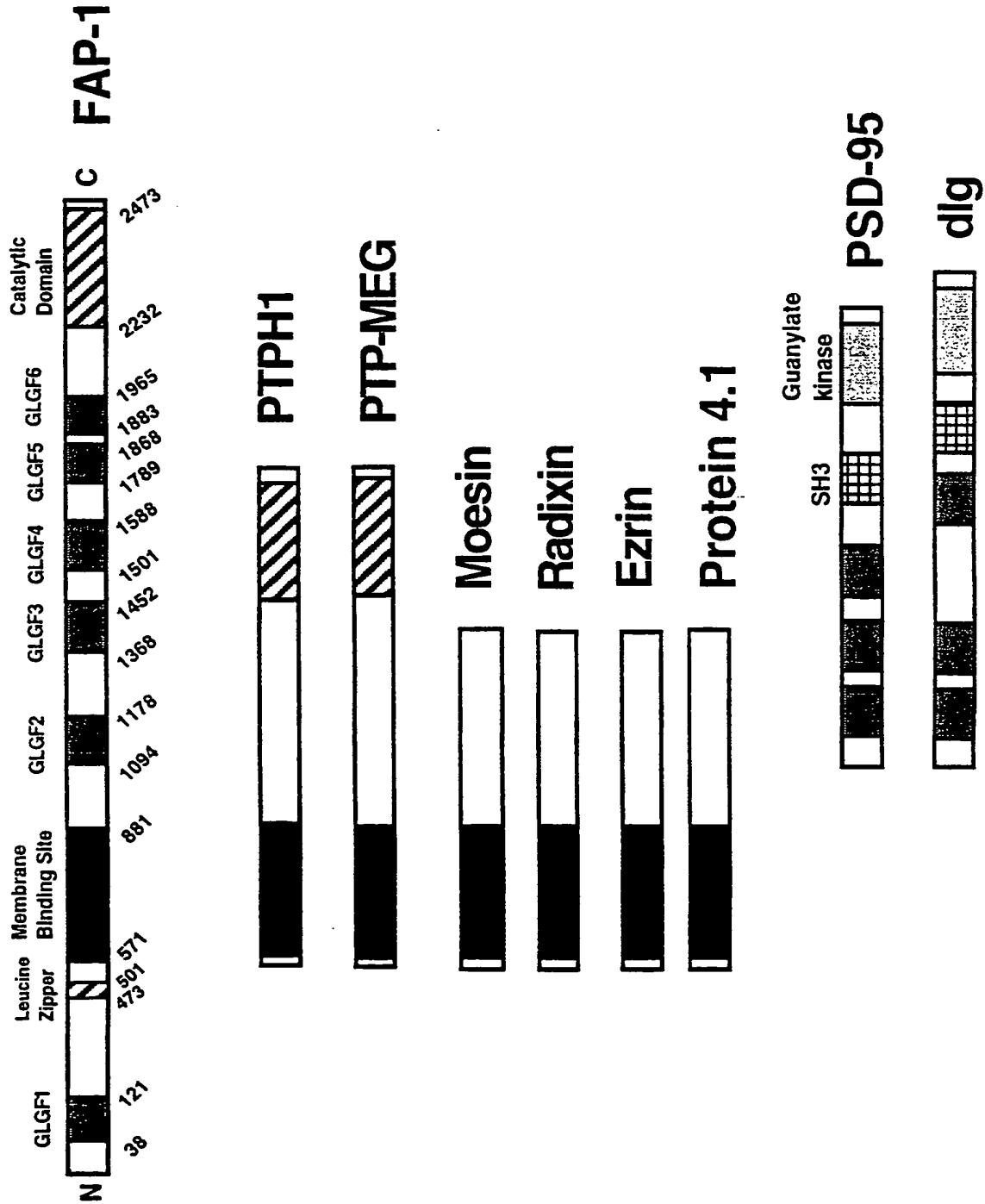
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FIG. 1



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FIG. 2A

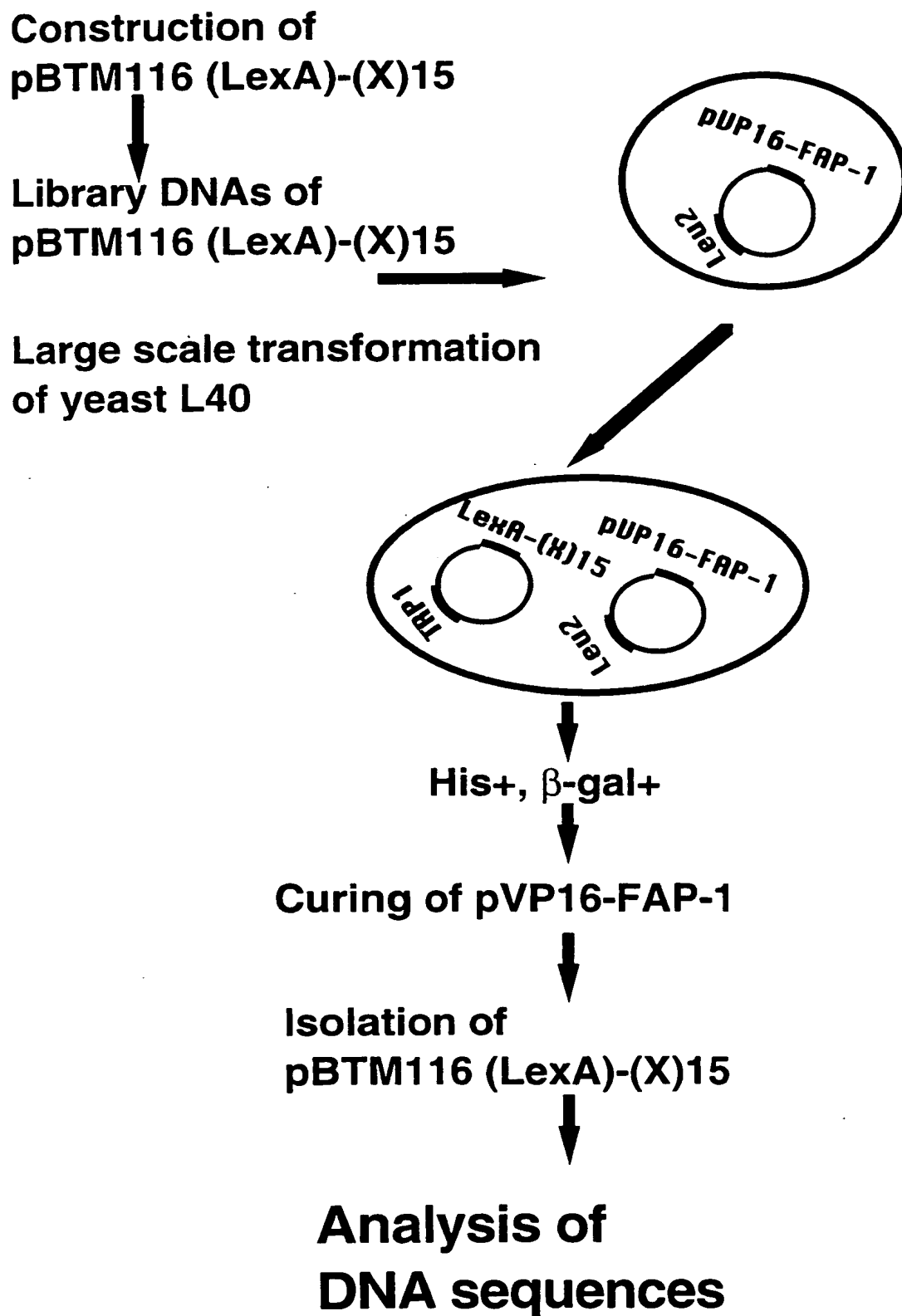


FIG. 2B

Human

D S E N S N F R N E I Q S L V

Rat

S I S N S R N E N E G Q S L E

Mouse

S T P D T G N E N E G Q C L E

FIG. 2C

- - - N S - - - N E - Q S L -

C	Y	A		A	I	G		L			V	12-0
E	N	A		G	V	S		E			V	5-0
W	W	G		A	T	Q		P			V	13-0
E	H	A		Q	Q	Q		Q			V	20-0
N	S	S		F	H	S		L			V	6-2
G	L	R		L	P	P		D			V	9-5
G	S	D		S	G	V		N			V	18-1
D	K	K		R	P	V		N			V	22-1
T	G	K		D	V	W		A			V	71-1
A	S	R		N	E	E		L			I	14-5

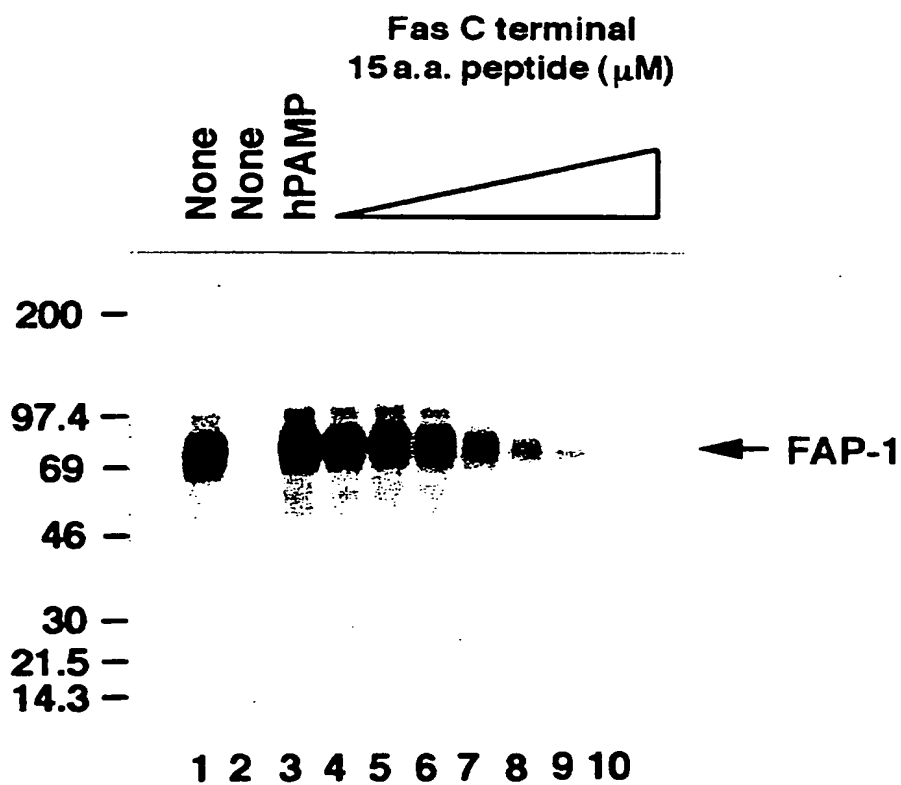
FIG. 2D

I	P	P	D	S	E	D	G	N	E	E	Q	S	L	V	8-1
D	S	E	M	Y	N	F	R	S	Q	L	A	S	V	V	9-3
I	D	L	A	S	E	F	L	F	L	S	N	S	F	L	14-1
P	P	T	C	S	Q	A	N	S	G	R	I	S	T	L	0-2
S	D	S	N	M	N	M	N	E	L	S	E	V			57-5
Q	N	F	R	T	Y	I	V	S	F	V					72-1
R	E	T	I	E	S	T	V								25-9
R	G	F	I	S	S	L	V								16-13
T	I	Q	S	V	I										6-3
E	S	L	V												18-1

Consensus: t S-X-V/L/I

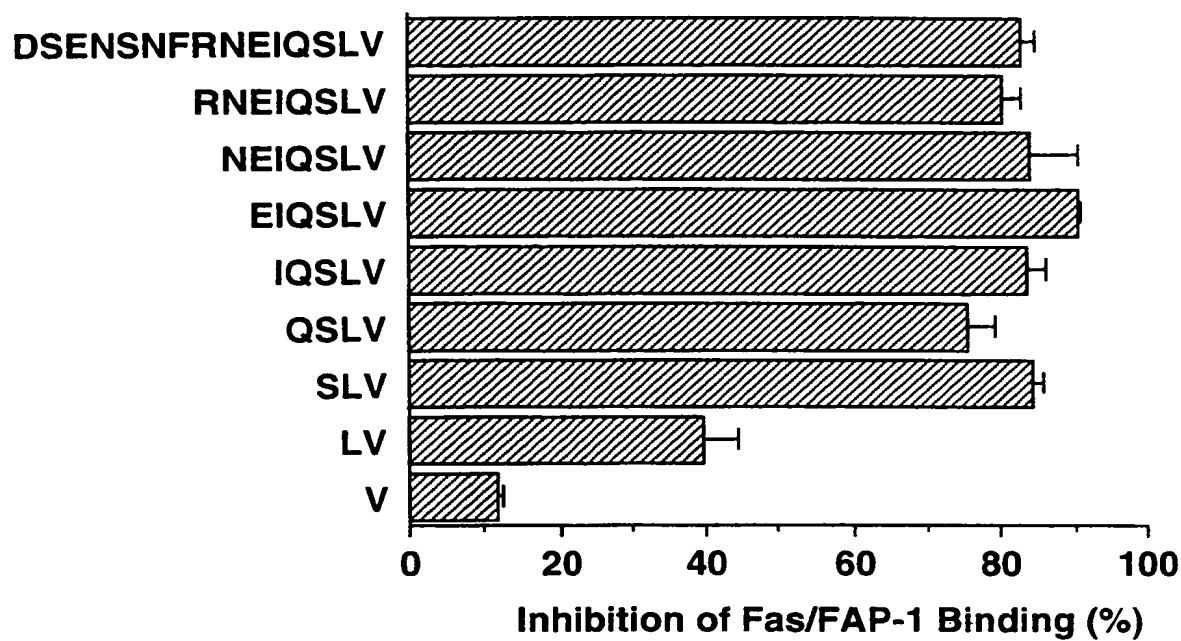
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FIG. 3A



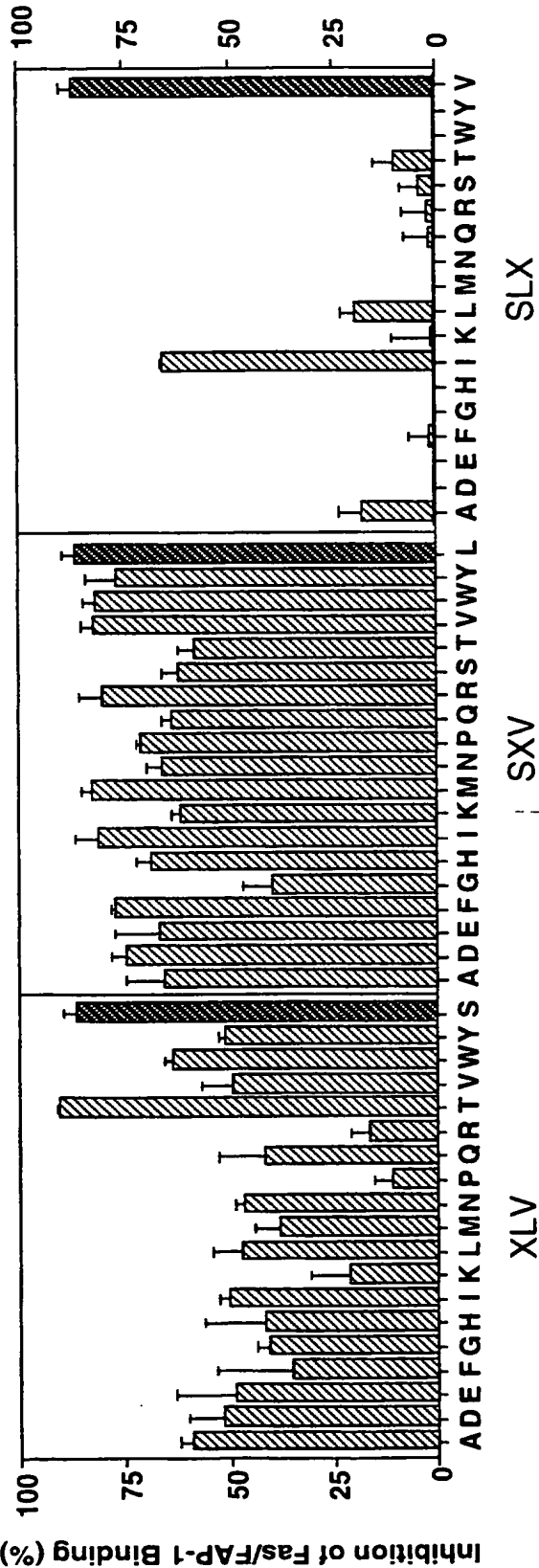
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FIG. 3B



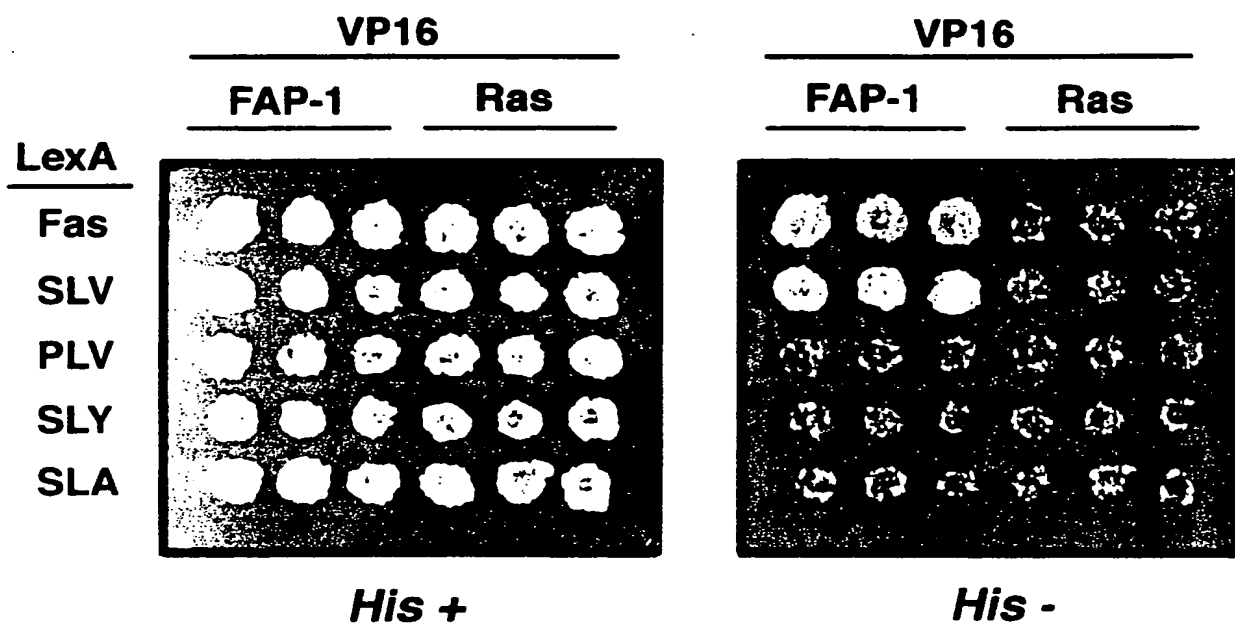
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FIG. 3C



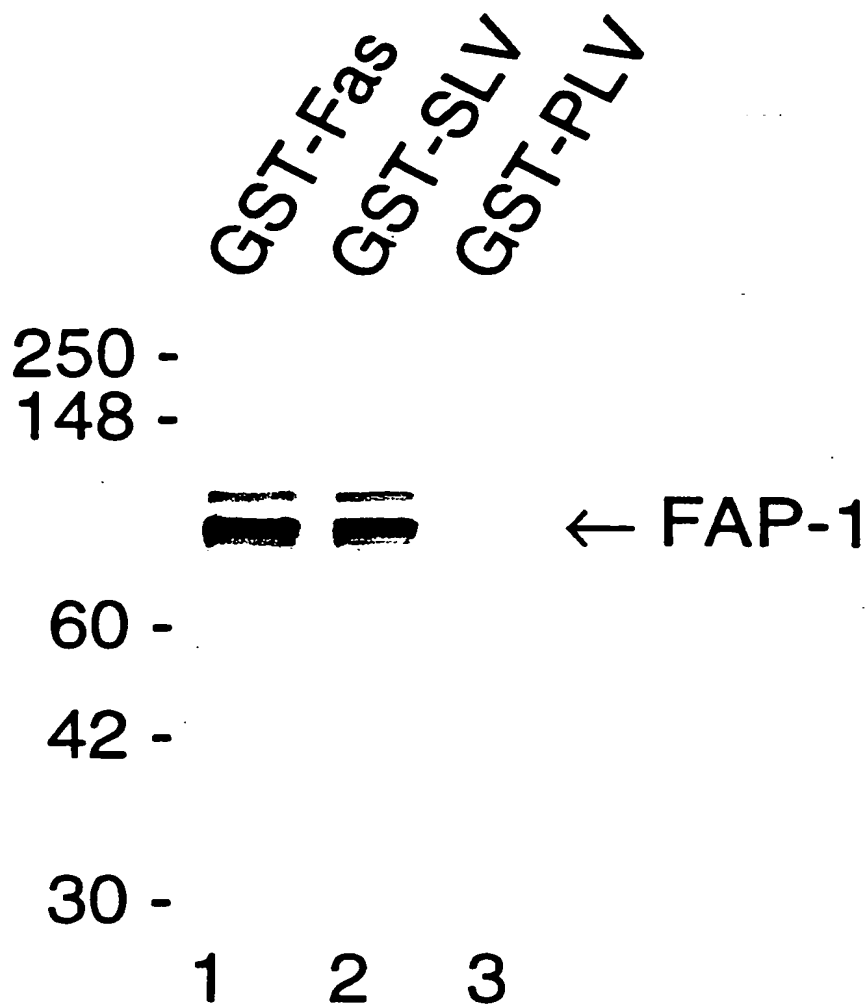
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FIG. 4A



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FIG. 4B



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FIG. 4C

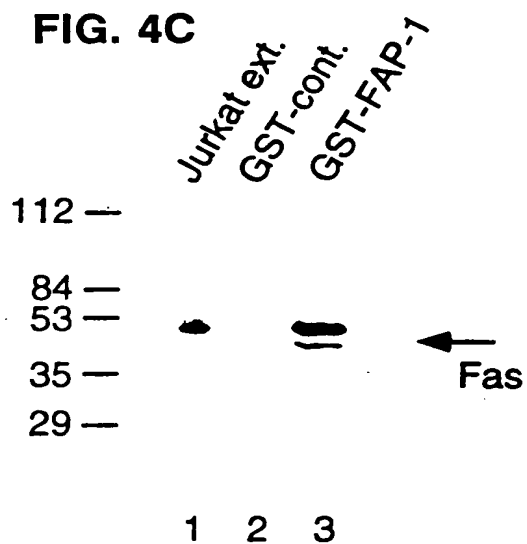
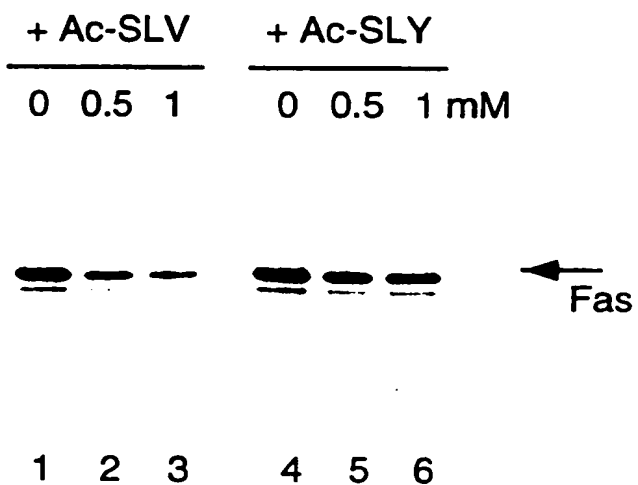
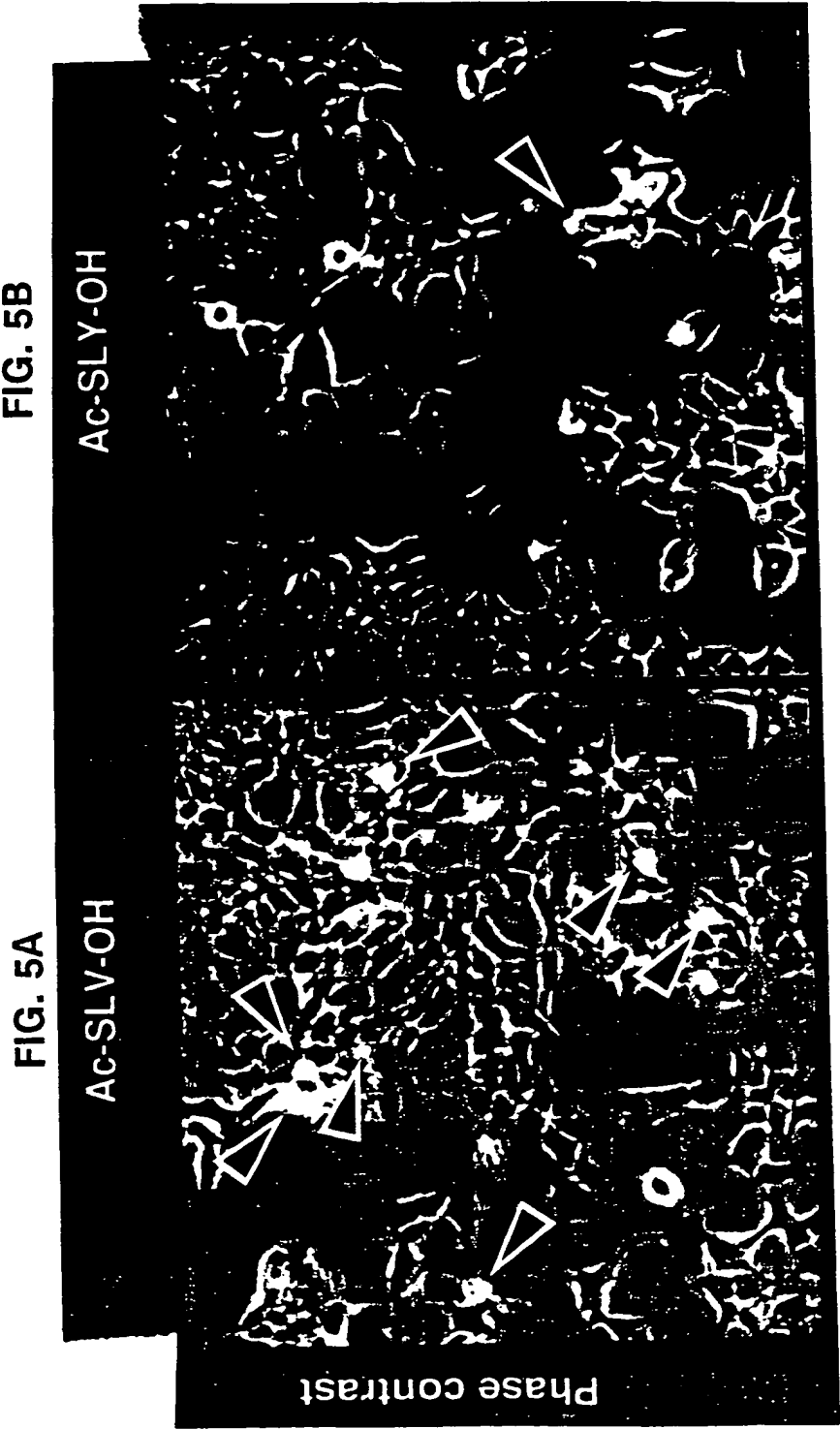


FIG. 4D



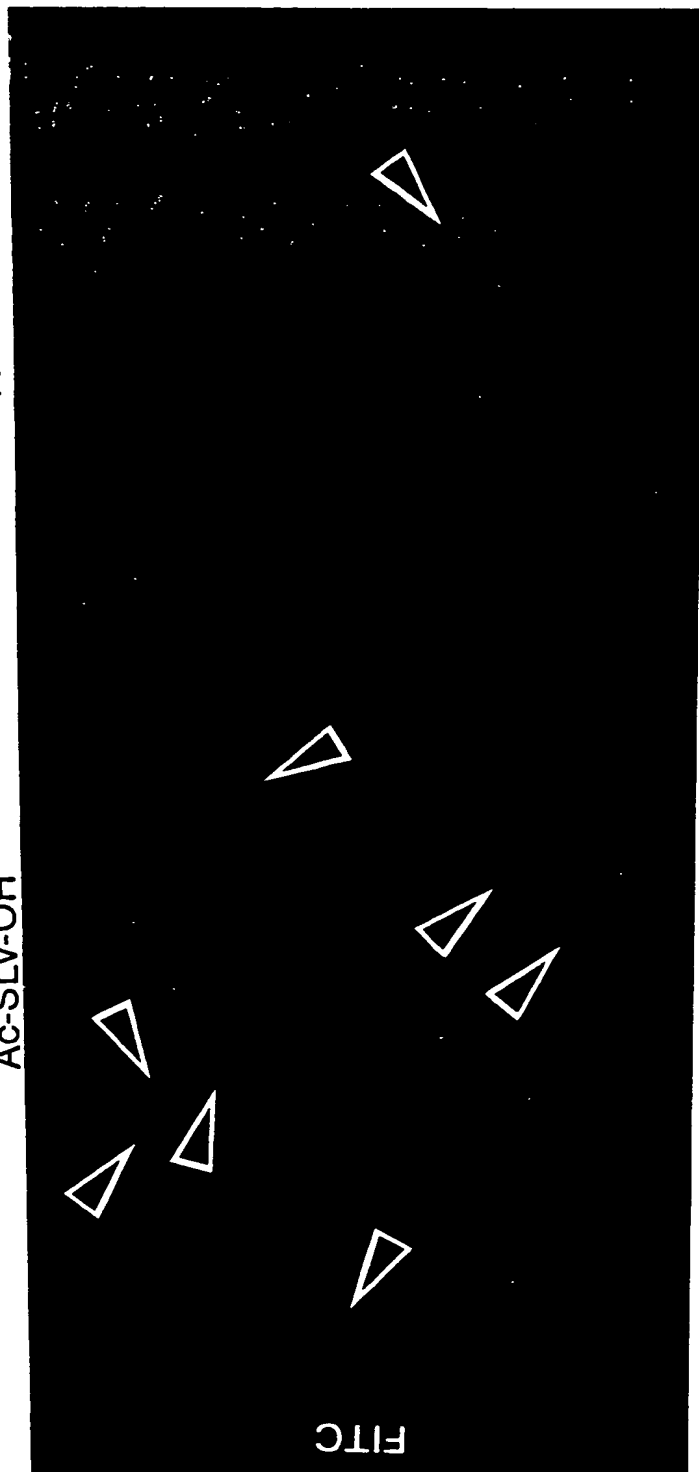
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FIG. 5D
Ac-SLY-OH

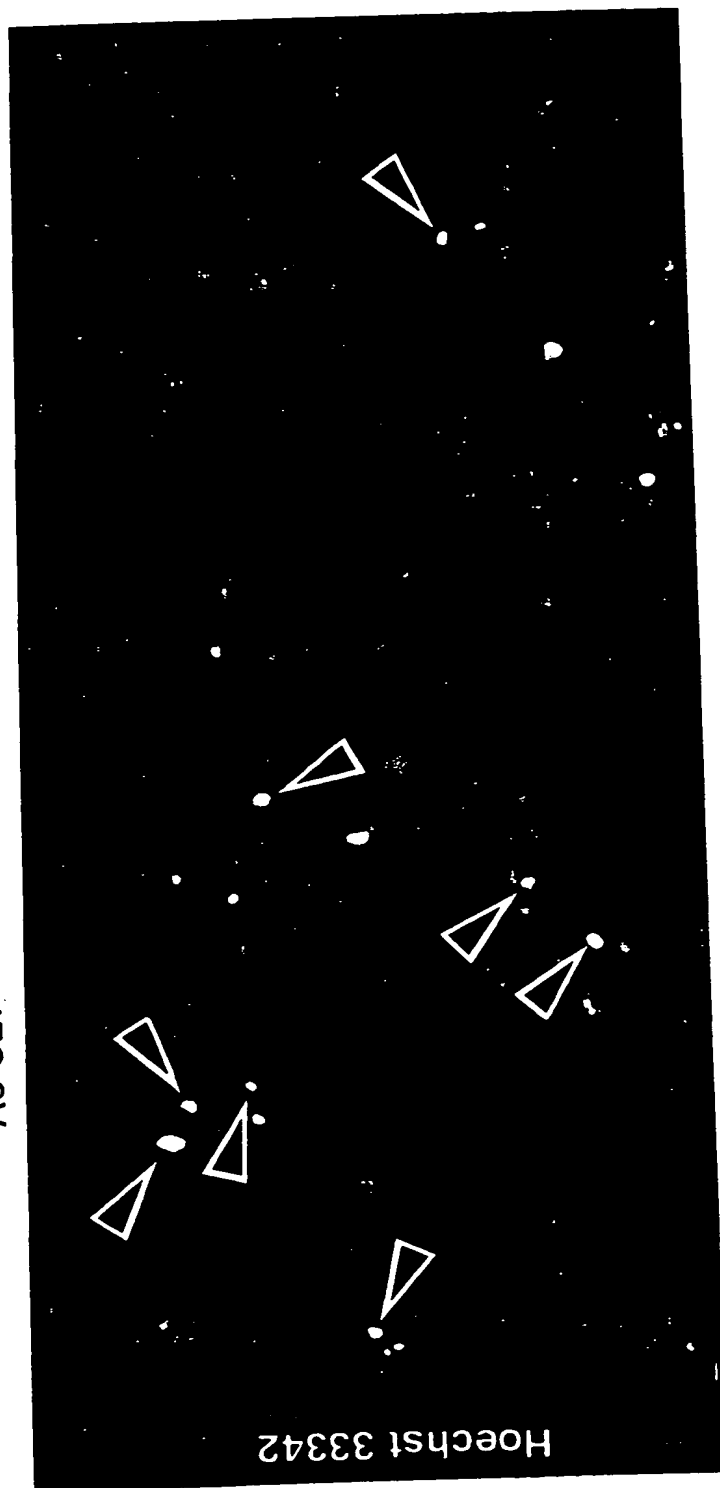
FIG. 5C
Ac-SLV-OH



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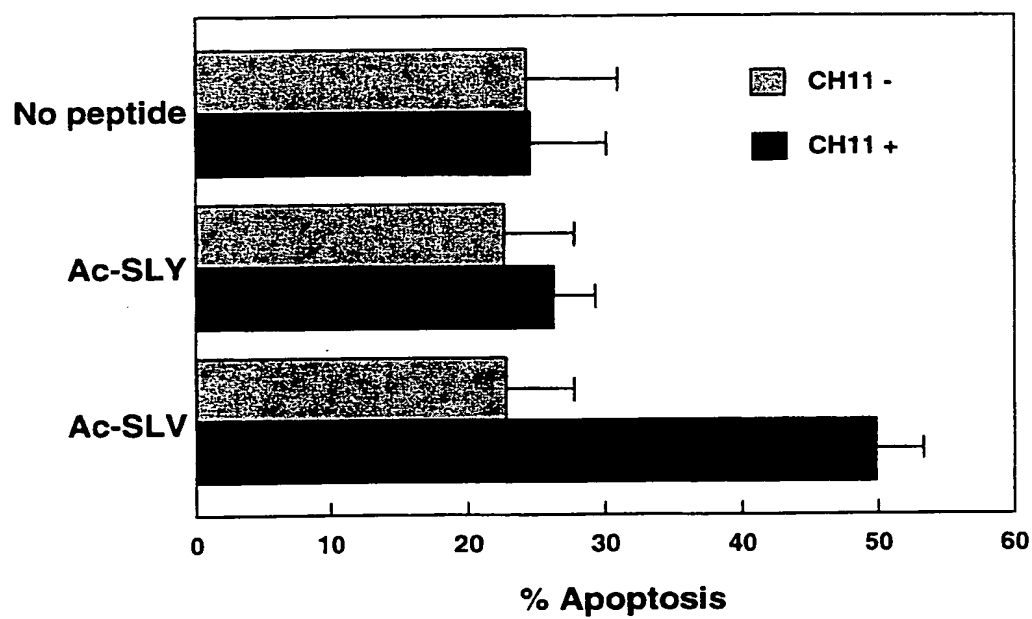
FIG. 5F
Ac-SLY-OH

FIG. 5E
Ac-SLV-OH



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FIG. 6



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FIG. 7A

NGF Receptor

1 mgagatgram dgprllllll lgvslggake acptglyths gecckacnlg egvaqpcgan
 61 qtvcepclds vtfsdvvsat epckpctecv glqmsapcv eaddavcrca ygyyqdettg
 121 rceacrvicea gsglvfscqd kqntvceecp dgtysdeanh vdpclpctvc edterqlrec
 181 trwadaecee ipgrwitrst ppegdstap stqepeappe qdliastvag vvtvmgssq
 241 pvtvtrgttdn lipvycsila avvuglvayi afkrwnsckg nkqgansrpv nqtpppegek
 301 lhsdsgisvd sqslhdqqph tqtasgqalk gdgglysslp pakreevekl lngsagdtwr
 361 hlageelgyqp ehidsfthea cpvrallasw atqdsatlada llaalrrigr adlveslcse
 421 statspv

FIG. 7B

CD4 Receptor

1 mnrgvpfrhl llvlqlallp aatqgkvv1 gkkgdtvelt ctasqkksiq fhwknsngik
 61 ilgnqgsflt kgpsklndra dsrrslwdqg nfpliiknlk iedsdtyice vedqkeevql
 121 lvfgltansd thllqgsalt ltlesppgss psvqcrsprg kniqggkttls vsqlelqdsq
 181 twtctvlngq kkvefkidiv vlafqkassi vykkegeqve fsfplafave kltgsgelww
 241 qaerassks witfdlknke vsvkrvtqdp klmggkklpl hltlpqalp qyagsgnltla
 301 leaktgklhq evnlvmmrat qlqknltecew wgtpspklml slklenkeak vskrekavw
 361 lnpeagmwqc llsdsgqvll esnikvlpw stpvqpmali vlggvaglll figlgiffcv
 421 rcrhrrrrqae rmsqikrlls ekktcqcphr fqktcspi

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FIG. 7C

Species	C-terminal sequences of NGFR (p75)	Binding activity of FAP-1
Human	tSESTATSPV-COOH	+
Rat	tSESTATSPV-COOH	+
Chicken	tSESTATSPV-COOH	+

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FIG. 7D

1 mnsgvamkyg ndsaaelsel hsaalaslkq divelnkrlq qtererdlle kklakagceq
 61 shlnrehedv qerttlryee ritehsvia elnkkidrlq gttireedey selrselsqs
 121 qhevnedrsz mdqdgtsvsi penqetmvt a dmncsdins elqrvtgle nvvcgrkkss
 181 cslsvaevdr hieqlttase hcdlaiktve eieglgrdl ypnlaeersr wekelaglire
 241 enesltamlc skeeelnrtk atmnaiereer drlrrrvrel qtrlqsvqat gpsppgrits
 301 tnrrpinstg elstsssnd ipiakiaerv klsktrress ssdrpvlgs eissigvsssv
 361 aehiahsld qd csniqeifqt lyshgsaise skirefevet erlnsriehl ksqndlltit
 421 leeckснаer mslvgykyes natalrlalq yseqcieaye lllalaeesq slilgcfraa
 481 gvgsspgdqs gdenitqmlk rahdcrktae naakallnkl dgscggafav agcsvgpwes
 541 lssnshtstt sstasscdte ftkedeqrik dyiqqlkndr aavkltml el esihidplsy
 601 dvkprgdsqr ldlenavlnq elmankeema elkaqlylle kekkalelkl streaqeqay
 661 lvhiehlkso vaeqkagrmr slsstssgsk dkgpgkecada aspalslael rttcsenela
 721 aeftnaifre kklkarvqel vsalorlts seirhqqsae fyndlkrans nlvaayekak
 781 kkhqmkllkl esqmmamver hetqvrmlkq rialloons rphntetla

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FIG. 7E

1 nadvfpngds tasqvanrf arkgalrqkn vhevkdhkfi arffkqptfc shctdfiwgf
 61 gkqgfcqvc cfvvhkrche fvtfscpgad kgpdtddprs khkfkhtyg sptfcdhcg
 121 llyglihqgm kcdtdmnhv kqcvlnvpsl cgmthekrg riykkaevad ekhvtvrda
 181 knlipmdpng lsdpyvklkl ipdpkmeskq ktktrstln pqwnesftfx lkpsdkdrri
 241 sveiwdwdrtr trndfngsls fgvselmknmp asgwykllnq eegeynvpi pegdeegnme
 301 lrqkfeakl gpagnkvisp sedrkqpsnn ldrvkltdfn flmvlkggsf gkvmldarkg
 361 teelyaikal kkdvvigdd vectmvekrv lalldkppfl tqhscfqtv drlyfvmeyv
 421 nggdlmybiq qvgkfkepqa vfyaaeisis ayqpygksvd waygvllve mlagqppfdg
 481 dfgmckeumm dgtttrtfcg tpdyaiei iskeavsi ck glmtkbpakr lgcgpegerd vrehaffri
 541 ededelfqsi mehmvsypks kgaenfdkff trgqpvltpp dqlvianidq sdfegfsyn
 601 dweklenrei qppfkpkvcg
 661 pqfvhplqaa ax

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FIG. 7F

1 mdilceents lestnslmq lnddtrlysn dfnsgeants dafnwtvdse nrtalscegc
 61 lpsclslh lqekwsall tavviltia gnilvimavs lekklqatn yflmslaiad
 121 mligflvmpv smltilygyr wplpsklcav wyladvfst asimhlcais ldryvaionp
 181 ihhsrfnsrt kafkliaav tsvgismp1 pvfqlqddsk vfkegscila ddnfvligsf
 241 vsff'pltm vityfltkis lqeatlcvs dlgttraklas fsflpgeels seklfgrsin
 301 repggytgrt tmqsisneqk ackvlqivff lfvmwcpff itriravick escnedviga
 361 llnvfvwigy lssavmplvy tlfnktyrsa fsrylqcqyk enkkplqlil vntipalayk
 421 esqlmqgqk nskqdakttd ndcsmvalgk qhseeaskdn sdgvnekvaa_y

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FIG. 7G

1 malsyrvsel qstipehiq stfvhvissn wsglqtesiz eenkqiveeq gnklhwaall
 61 ilmviptig gntlvllavs leklqyatr yflmelavad llvglfvmpi alltimfeam
 121 wplplvlcpa wlfldvlfst asimhlcais vdryiaikkp iqanqynera taf:kitvvw
 181 llsigialpv plkgietdvd npnnitevlt kerfgdmlf gslaafftupi alimivtyflt
 241 ihalgkkayl vknkppqrll wltvstvfqr detpcsspek vamldgsrkd kalpnsgdet
 301 lmrrestigk ksvqtieneg raskvlgivf flflmwcpf fitnltlvc dscnqttlqm
 361 lleifwigy vssgvnplvy tlnkttfrda fgryitcnyr atkavktlrx raskiyfrnp
 421 maenskffk hgirnnginpa myqspmrirs stiqsssi: idtllltene gdkteeqvay
 481 y

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FIG. 7H

1 maaasydqll kqvealkmen snlrqeledn snhltklete asnmkevlkq lqgsiedeam
 61 assggidlle rikelnldss nfpvgklrsk msirsygere gsvssrsgec spvpmsfpr
 121 rgfvngsres tgyleeleke rsllladldk eeekdwyya qlqnltkrid slpltenfsl
 181 qtdmtrrrgle yearqirvan eeqlgtcqdm ekragrriar iqgiekdilr irqlisqat
 241 eaerssqnkh etgshdaerq negggvgein natsgngqgs ttrmdnetas vlssssthsa
 301 prrltshlgt kvemvyslls mlgtndkddm srlilamss qdscismrgs gclplliql
 361 hgnkdksvll gnsrgskear arasaalhui ihsqdddkrg rreirvlhll eqiraycetc
 421 wewgeahpg mdqdkmpmpa pvehqicpav cvlmklsfde ehrhamnelg glqaiaelig
 481 vdcemygltn dhysitlrry agmaltnltf gdvankatic smkgcmraiv aqiksesedi
 541 qqviasvlrn lswradvnsk ktlrevgsvk almecalevk kestlksvls alwnlsahc
 601 enkadicavd galafivgtl tyrsqtnla iiesgggilr nvssliatne dhrqilrenn
 661 clqtllqhlk shsitivsna cgtlwnlsar npkdqaalwd mgavsmknl ihskhcmiam
 721 gsaaalrnlm anrpakykda niaspgsslp slhvrkqkal eaeldaghl etfdnienls
 781 pkashrskqr hkqsllygdyv fdtnrhdndr sdnfntgntt vlsplynttv lpsssssrgs
 841 ldssrsekdr slerargigl gnyhpatenp gtsskrglqi sttaaqlakv meevsaihts
 901 qedrsgstt elhcvtderm alrrssaht hstynftks ensnrtsmp yakleykrss
 961 ndslnsvsss dgygkrqgmks psiesysedd eskfcsygy padlahkihs anhdndndge
 1021 ldtpinyslk ysdeqlnsgr qspqnerwa rpkhlided kqseqrgsrn qsttypvyte
 1081 stddkhkfkf phfgqgecv pyrsrgangs etnrvgsnbg inqnvsgslc qeddyeddkp
 1141 tnyseryseeg egeheerpt nysikyneek rhvdqpidys lkyatdipss qkgsfsfsks
 1201 ssgqsakteh mssssentst pssnakrgnq lhpssaqsrs gqpqkaatek vssingetiq
 1261 tyvedtpic fsrccslasl ssaedeigcn qttgeadsan tlqiaelkek igrsaedpv
 1321 sevpavsqhp rtkssrlqgs slssesarhk avefssgaks paksqaqtpk spphyvqet
 1381 plmfarctsv ssldsfeesr lassvgsepc sgmvsgilsp sdldpspgqt mppsrektopp
 1441 pppqtaqtkr evpkakapta ekrsgsqqa avnaavqrvq vlpdadtlh fatestpdgf
 1501 scssslsals ldepfiqkdv elrimppvqe ndngnetese qpkesnenge keaektidse
 1561 kdildsdedd dieileeci samptksrk akkpaqtask lpppvarkps qlpvylips
 1621 qnrlqpqkhv sftpgdmpv vycvegtpin fstatslsl tiesppnela agegvrqgaq
 1681 sgfekrdti ptegrstdea qggktssvti pelcdnkaee gdilaecins ampkgkehkp
 1741 frvkkindqv qqasasssap nknqldgkkk kptspvkip qnteyrtrvr knadsknnln
 1801 aervfsdnkd skkqnlknns kdfndklpnn edrvrgsfaf dsphhytpie gtpycfsrmd
 1861 slsldfddd dvdlrekae lrkakenkes eakvtshte tsngqsankt qaiakqpinr
 1921 gqpkpilqkq stfpqsskdi pdrgaatdek lqnfaientp vcfshnssls slsdidqenn
 1981 nkenepiket eppdsqgeps kpqasgyapk sfhvedtpvc fsmssslsi sidseddllq
 2041 ecissampkk kkprrlkgn ekhsprmgg ilgedltldi kdiqrpdeh glspdsenfd
 2101 wkaiqegans ivsslhqaaa aacslrgass dsdsilsiks gislgspfh1 tpdqeeqpf
 2161 snkgprilkp gekstletkk ieseskgikg gkkvykslit gkvrnselss ggmkkplqan
 2221 mpsisrgrtm ihipgvrnss sstspvskkg pplktpasks psegqtatts prgakpsvks
 2281 elapvarqts qiggsskaps rsgsrdstps rpaggqlsrp lqspgrnsis pgrngisppn
 2341 kisqlprtss pstastkssg sgkmsytspg rqsqqaltk qtglsknaes iprsesaskg
 2401 inqmnngnga nkkvalsrms stkssgsesd rserpvlvrq stfikeapsp tlrrkleesa
 2461 sfeslpsrr pasptrsqaq tpvlspslpd mslsthsavq aggrwklppn leptieyndg
 2521 rpakrhdiar shsespsrlp inrsgtwkre hskhssslpr vetwrrtgss ssilsasses
 2581 sekaksedek hvnsisgtkq skenqvsakg twrkikenef sptnatsqtv ssgatngaes
 2641 ktliygmapa vsktedvwrz iedcpinnpr sgrsptgntp gvidsvseka nbnikdskdn
 2701 qakqnvngns vpmrtvglen rlnsfivda pdqkgteikp gqanpvpvse tnessivert
 2761 pfsssssskh sspsgtvaar vtpfnynpse rkssadstsa rpsqiptpvn nntkkrdskt
 2821 dstessgtqs pkrhsqsylyv **END**

FIG. 8

p75NGFR

(Low-affinity nerve growth factor receptor)

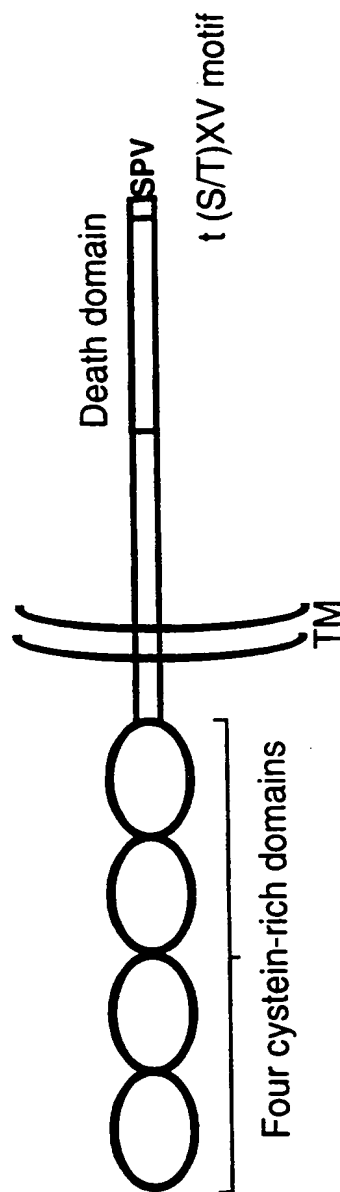
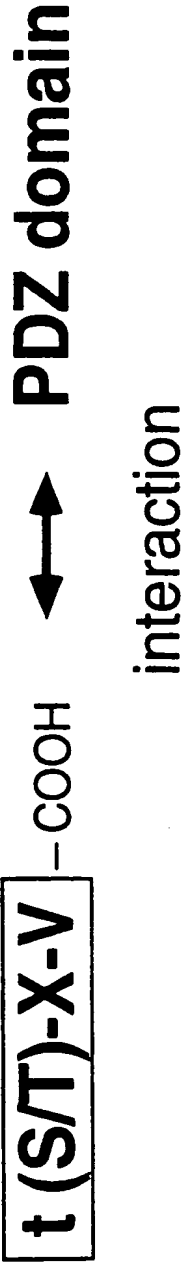


FIG. 9

	C-terminal amino acid sequence
Fas	NEIQSLV
p75NGFR	STATSPV



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FIG. 10
In vitro interaction of ³⁵S-labeled FAP-1 with various receptors
— FAP-1 binds to the cytoplasmic region of p75NGFR. —

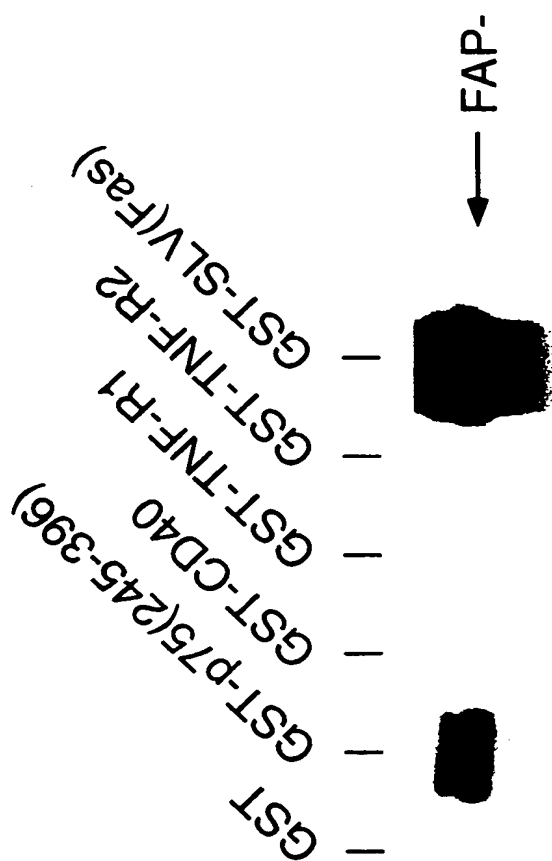
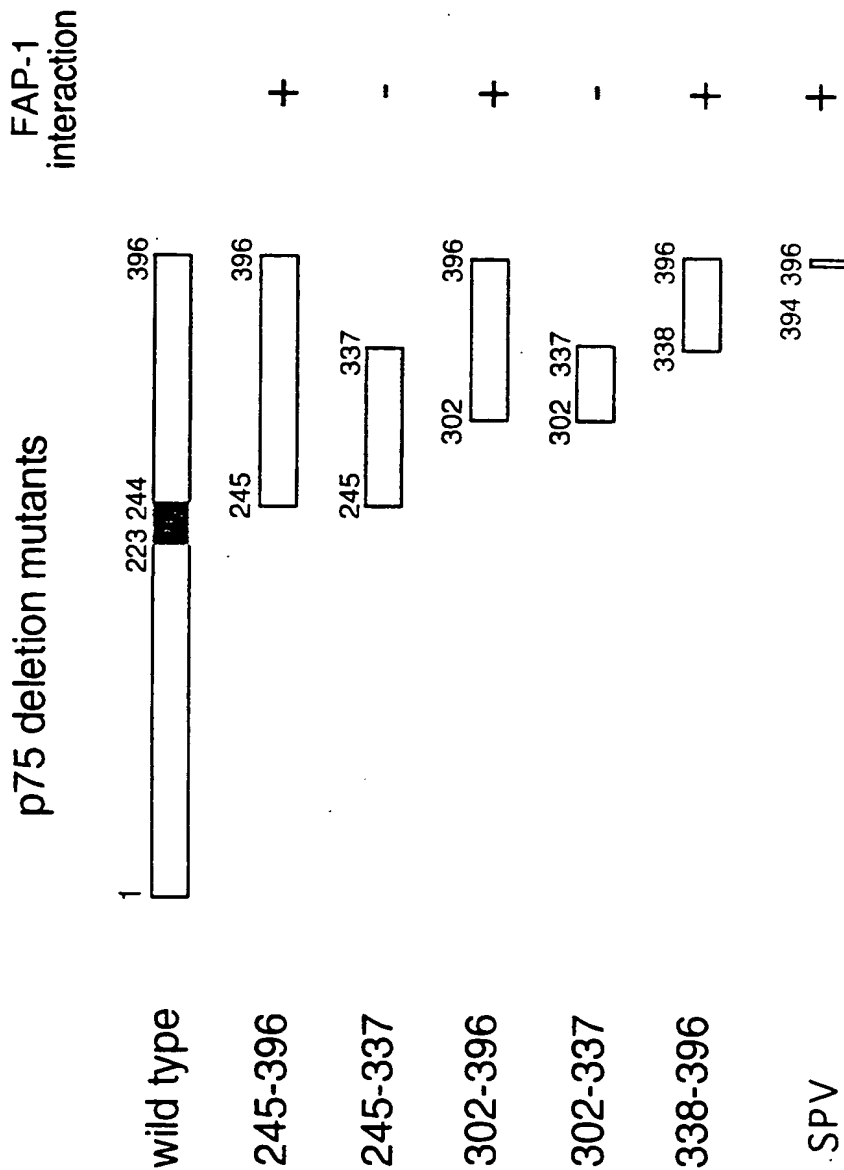
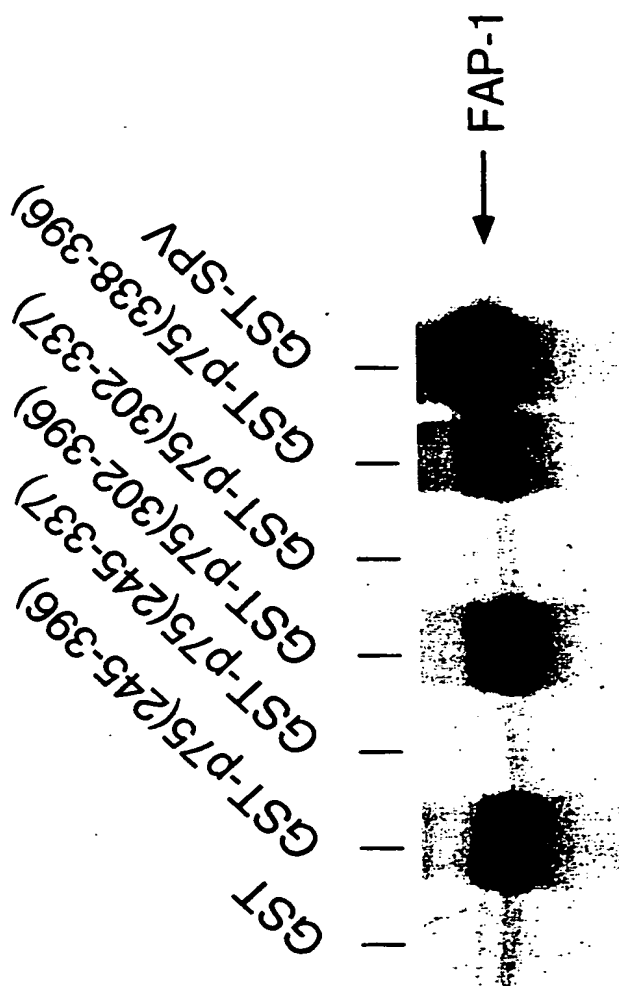


FIG. 11A
FAP-1 binds to C-terminal three amino acids SPV of p75NGFR.



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FIG. 11B



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FIG. 12

FAP-1 binds to p75NGFR C-terminal cytoplasmic region in yeast.

	VP16-FAP-1	VP16-cRaf
LexA-p75NGFR(338-396)	+	-
LexA-p75NGFR(365-396)	+	-
LexA-Fas	++	-
LexA-Ras ^{V12}	-	+
LexA-Lamin	-	-